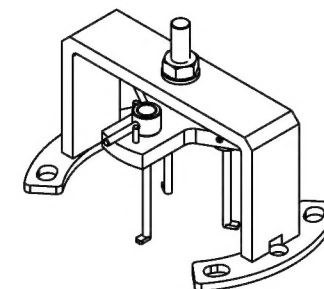
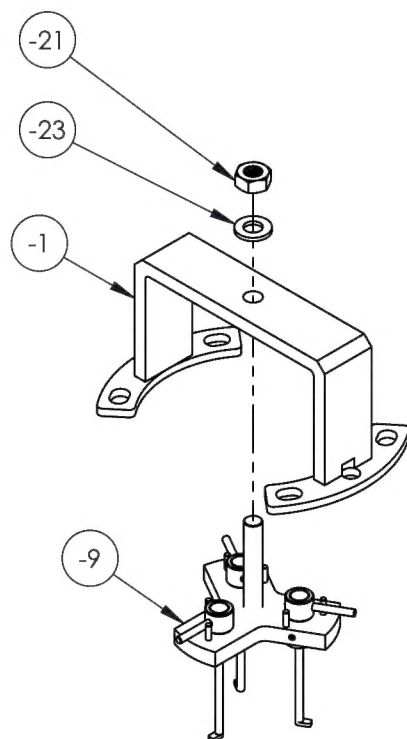


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	6/10/2016	RJC	JAG



ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			X		-1	1	FRAME MACHINED			2
		X	1		-3		FRAME WELDMENT			3
		1			-5		UPRIGHT	A36/1018/1020 HR		4
		2			-7		FOOT	A36/1018/1020 HR		5
	X				-9	1	PULLER			6
X	1				-11		PLATE WELDMENT			7
1					-13		PLATE	A36/1018/1020 HR		8
1					-15		BOLT	ALL THREAD	M10 X 1.5 X 80mm (MCMaster-CARR #94595A222) MODIFIED	9
	3				-17		LEG	1018/1020 CR		10
	3				-19		RING	1018/1020 CR		11
				B/O	-21	1	HEX NUT	STEEL	M10 X 1.5 (MCMaster-CARR #90591A171)	1
				B/O	-23	1	FLAT WASHER	STEEL	ØM10 (MCMaster-CARR #91166A280)	1
	3			B/O	-25		DOWEL PIN	S.S.	Ø5/32 X 1-1/2 (MCMaster-CARR #90145A496)	6
	6			B/O	-27		DOWEL PIN	S.S.	Ø3 X 18mm (MCMaster-CARR #93600A118)	6
	3			B/O	-29		SPRING PLUNGER	S.S.	M4 X .7 X 9mm (MCMaster-CARR #85015A46)	6
		4		B/O	-31		DOWEL PIN	STEEL	Ø1/8 X 3/8 (MCMaster-CARR #98381A470)	3
ASSY -11	ASSY -9	ASSY -3	ASSY -1							

NOTES:

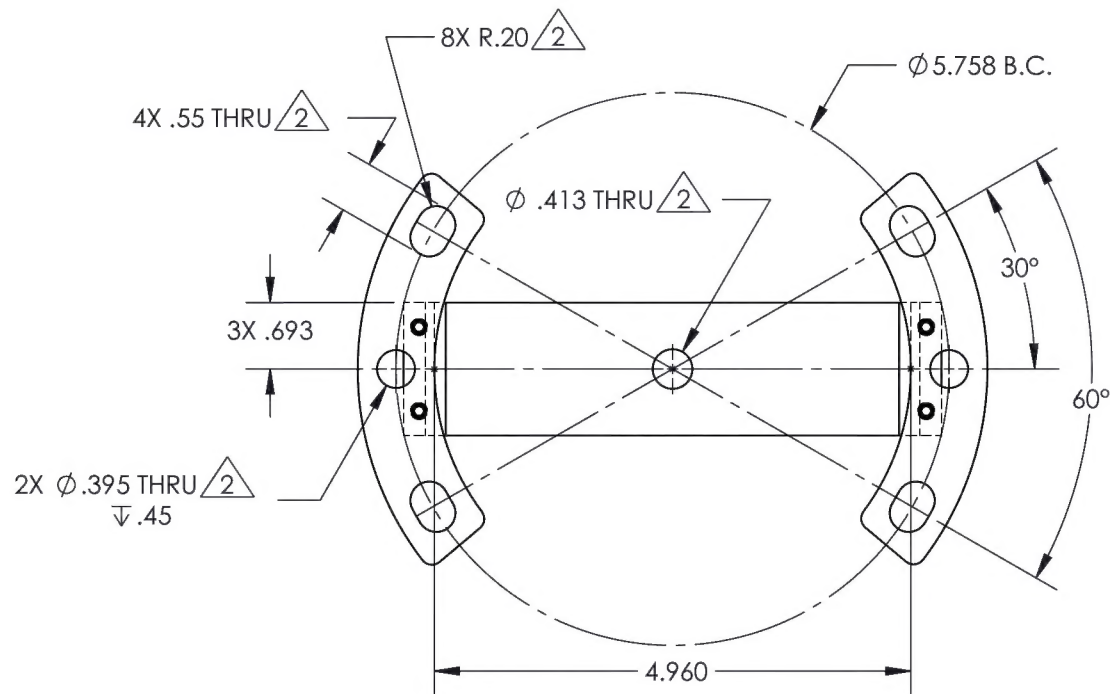
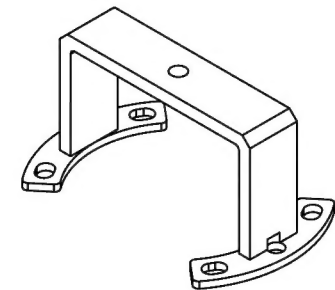
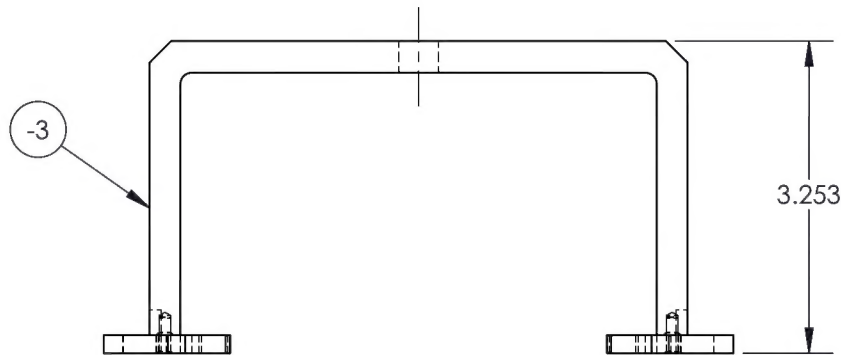
1. REF. AIRBUS T/N M632V3009133
2. PART OF KIT RBEM632V3009103.



TITLE	
SEAL HOLDER EXTRACTOR	
DWG NO.	REV
RBEM632V3009133	1
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:4	DATE 5/5/2016
SHEET 1 OF 11	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL



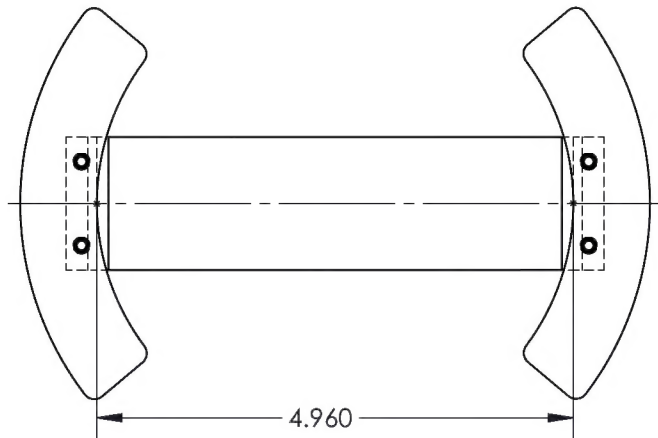
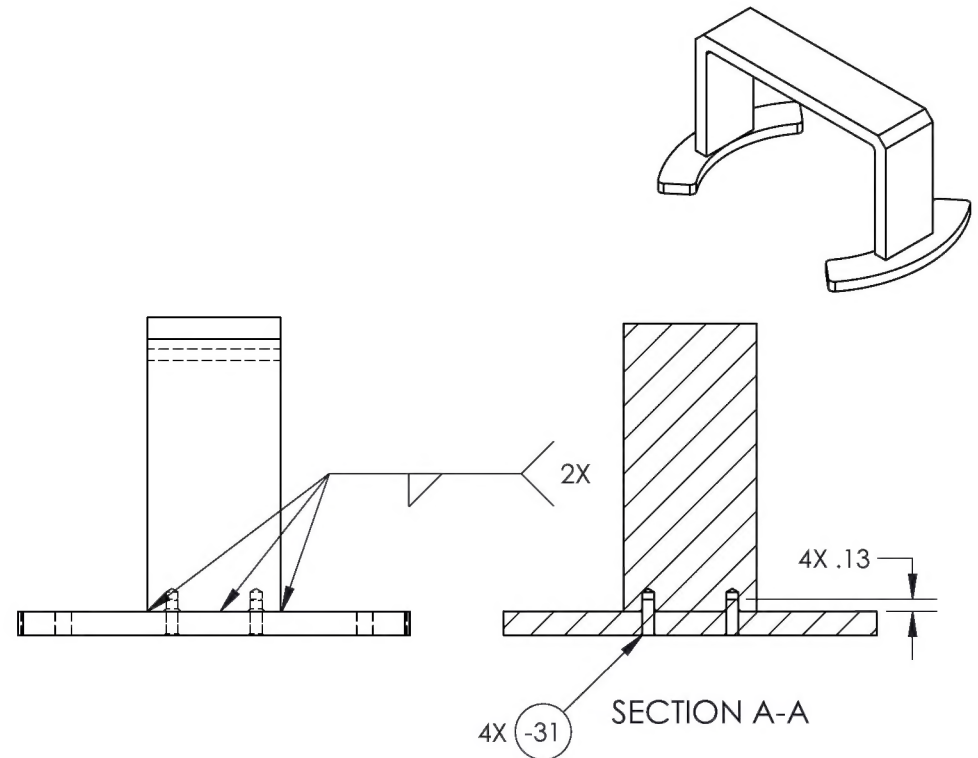
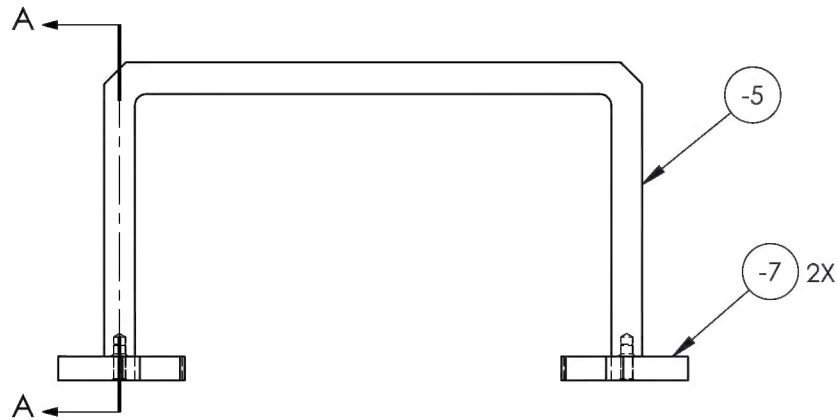
(-1)
FRAME MACHINED

- NOTES:
 1. DUAL FINISH:
 1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
 2ND: POWDER COAT YELLOW, FED #13538.
 2 NO POWDER COAT THIS SURFACE.

DART AEROSPACE	
TITLE SEAL HOLDER EXTRACTOR	
DWG NO. RBEM632V3009133-1	REV 1
MAT'L REPT TREAT FINISH SEE NOTE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:2	DATE 5/5/2016 SHEET 2 OF 11

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

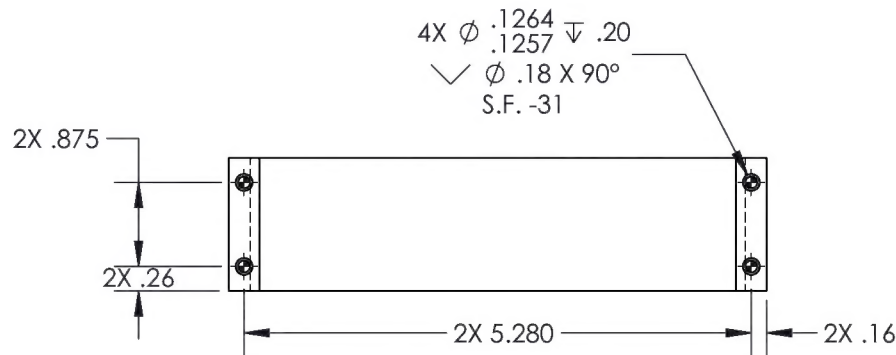
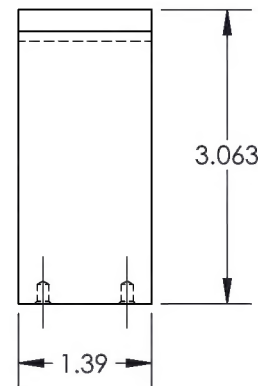
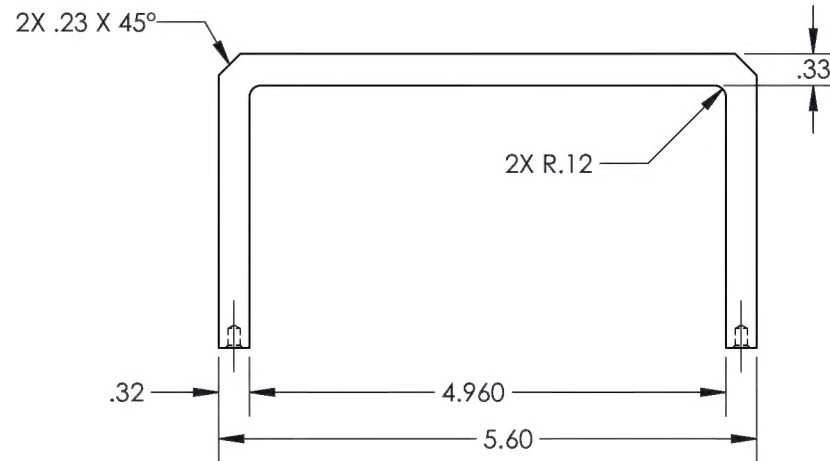
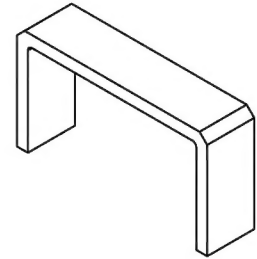


(-3)
FRAME WELDMENT

DART AEROSPACE	
TITLE SEAL HOLDER EXTRACTOR	
DWG NO. RBEM632V3009133-3	REV 1
MAT'L HEAT TREAT FINISH SEE -1 SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL
CHECKED: DUERFELDT	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 5/5/2016
SHEET 3 OF 11	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

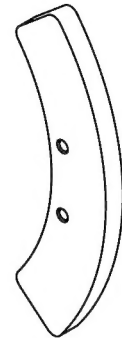
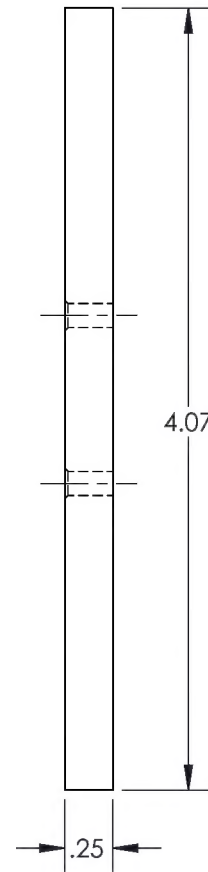
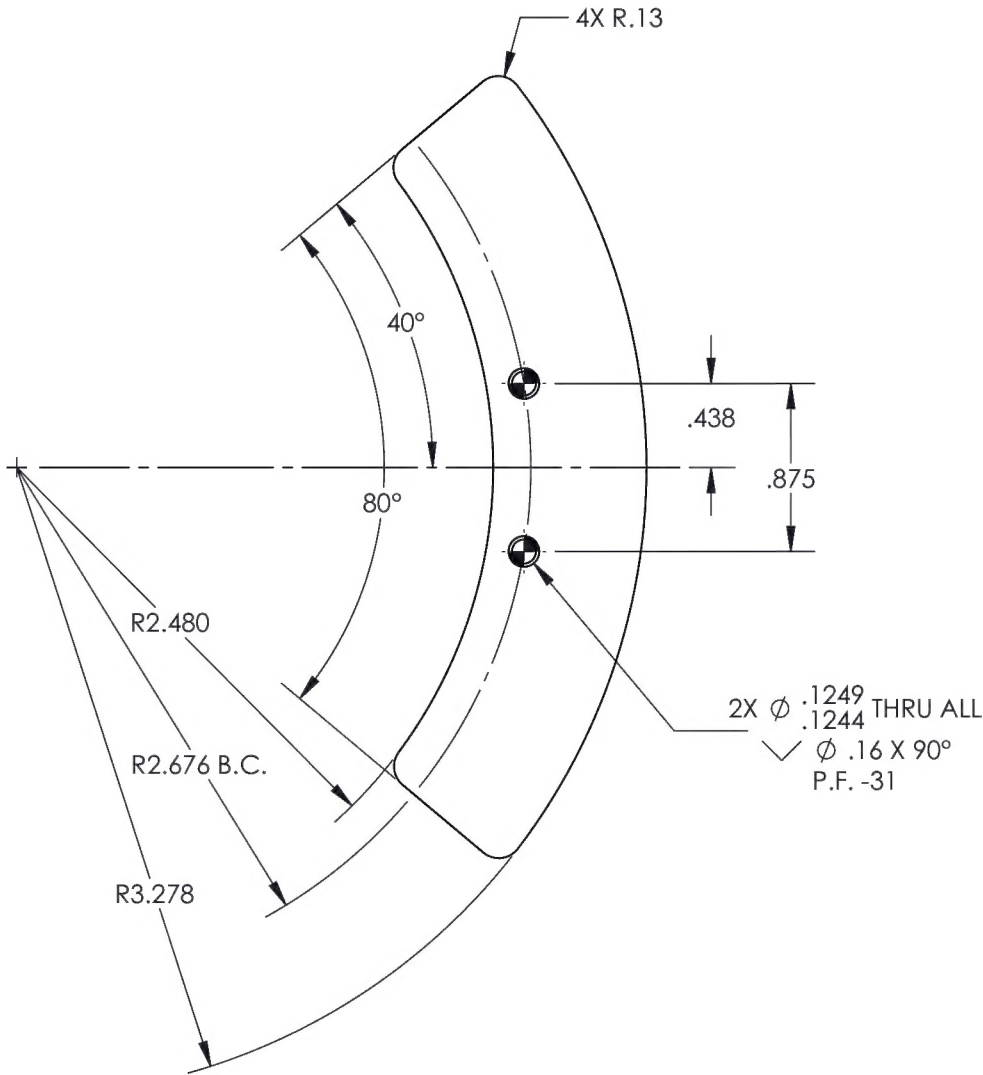


(-5)
UPRIGHT

DART AEROSPACE	
TITLE SEAL HOLDER EXTRACTOR	
DWG NO. RBEM632V3009133-5	REV 1
MAT'L A36/1018/1020 HR HEAT TREAT FINISH SEE -1 SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL H175
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 5/5/2016
SHEET 4 OF 11	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

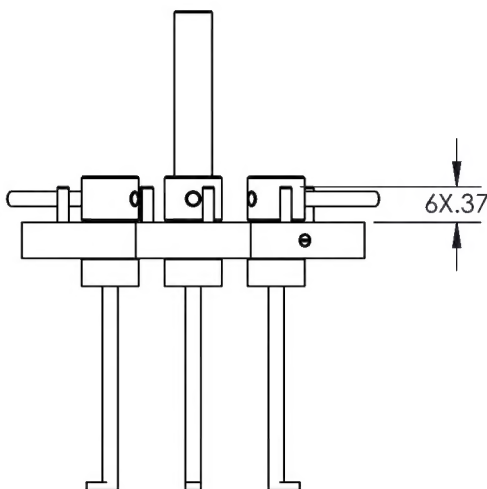
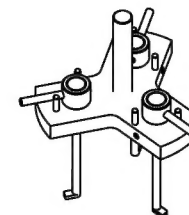
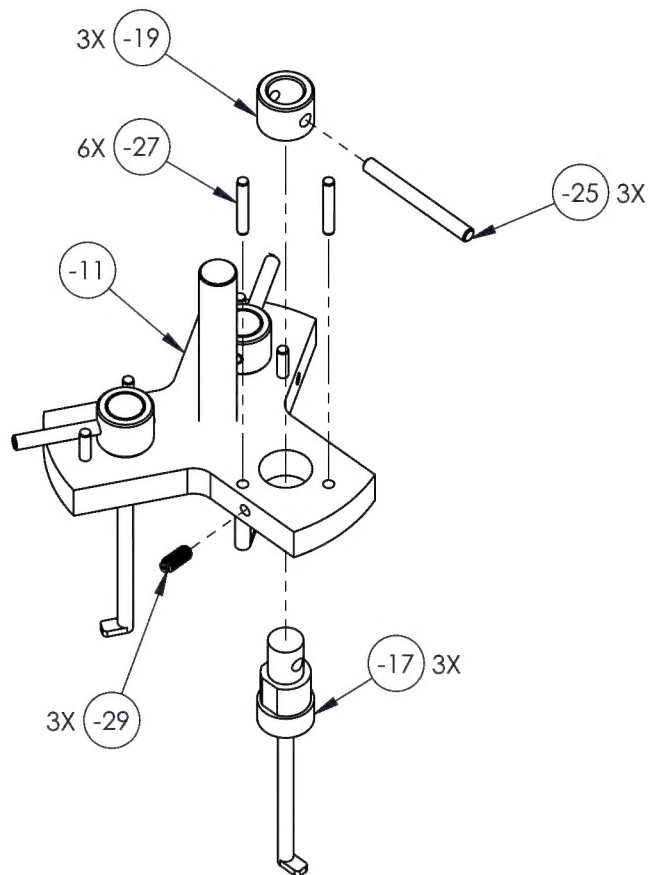


(-7)
FOOT

DART AEROSPACE	
TITLE SEAL HOLDER EXTRACTOR	
DWG NO. RBEM632V3009133-7	REV 1
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -1	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:1	DATE 5/5/2016
SHEET 5 OF 11	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL

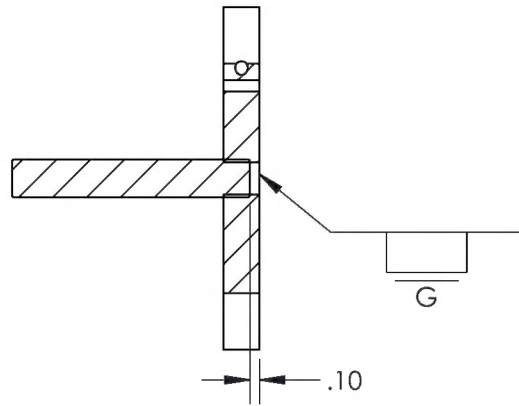


(-9)
PULLER

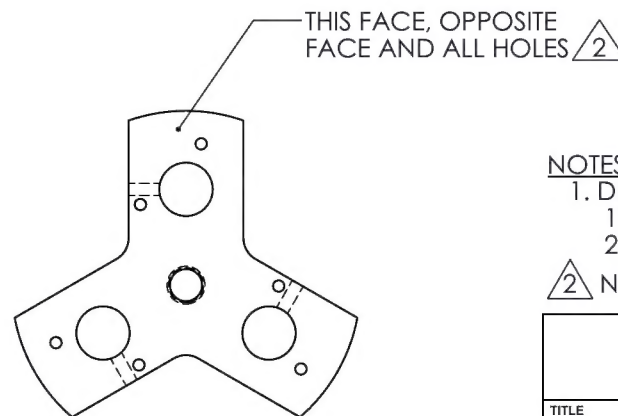
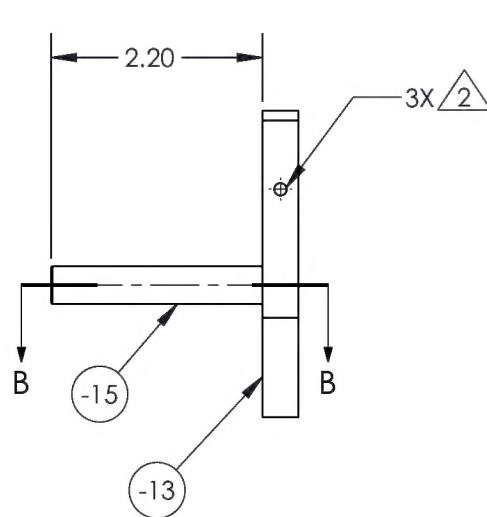
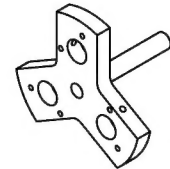
DART AEROSPACE	
TITLE SEAL HOLDER EXTRACTOR	
DWG NO. RBEM632V3009133-9	REV 1
MAT'L REPT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:2	DATE 5/5/2016
SHEET 6 OF 11	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



SECTION B-B



- NOTES:
- DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW, FED #13538.
 - NO POWDER COAT THIS SURFACE.

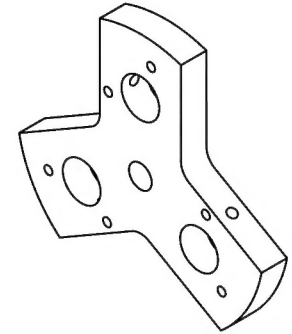
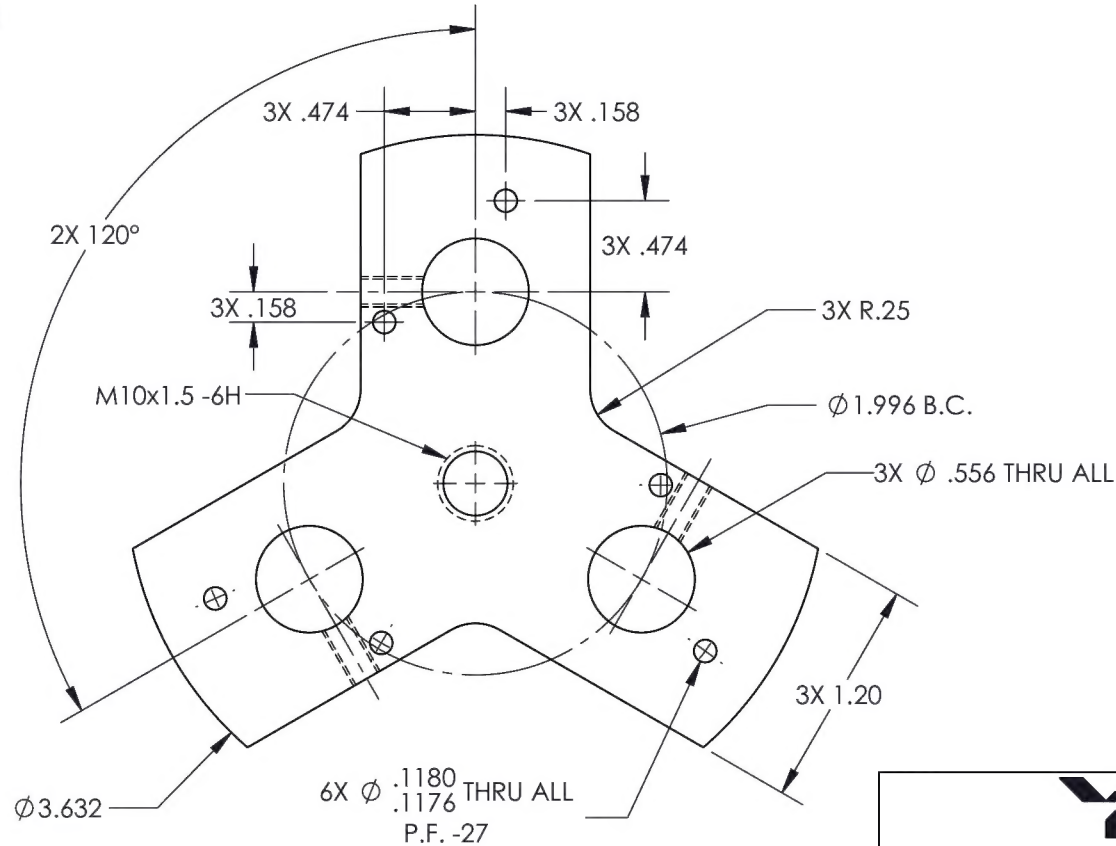
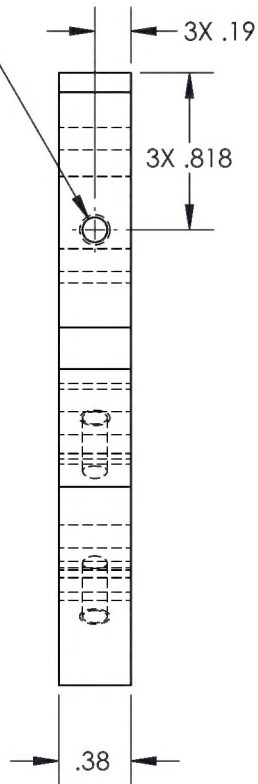
(-11)
PLATE WELDMENT

DART AEROSPACE	
TITLE SEAL HOLDER EXTRACTOR	
DWG NO. RBEM632V3009133-11	REV 1
MAT'L HEAT TREAT FINISH SEE NOTES 1 & 2 SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL
CHECKED: DUERFELDT	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 5/5/2016
SHEET 7 OF 11	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED

3X M4X0.7 - 6H THRU ∇ .33



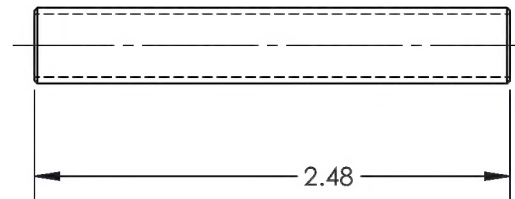
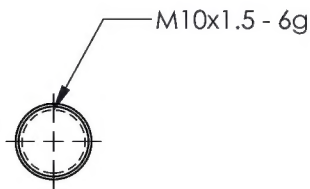
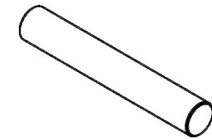
(-13)

PLATE

DART AEROSPACE	
TITLE SEAL HOLDER EXTRACTOR	
DWG NO. RBEM632V3009133-13	REV 1
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -11	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:1	DATE 5/5/2016
SHEET 8 OF 11	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

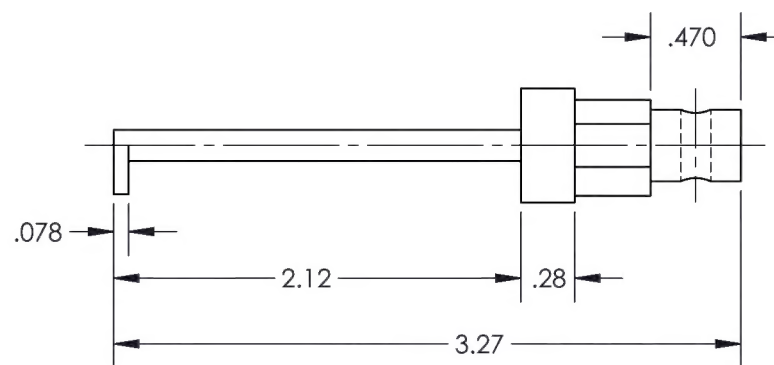
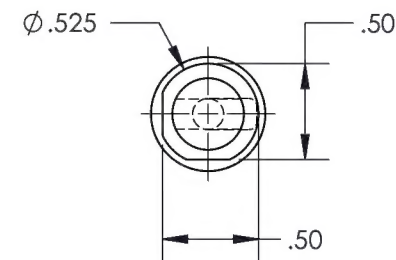
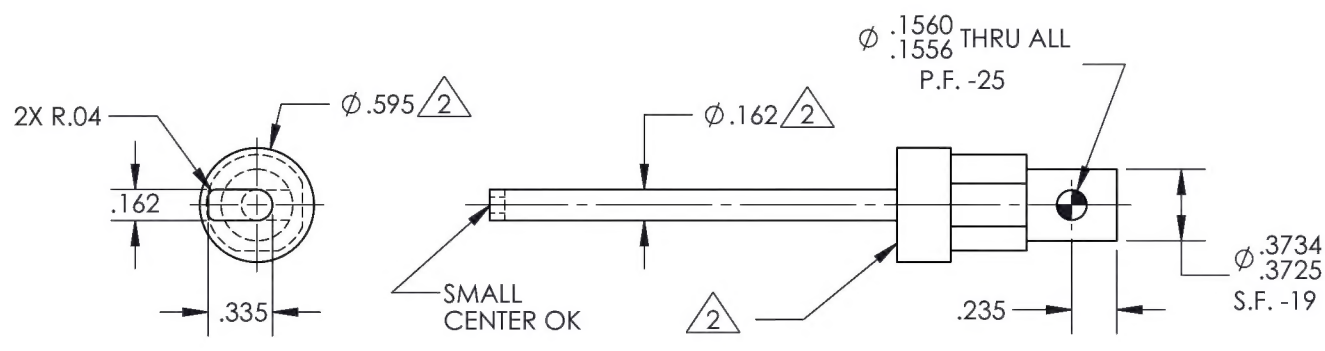
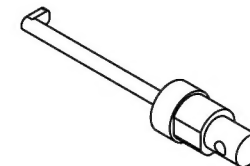
REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-15)
BOLT

DART AEROSPACE	
TITLE SEAL HOLDER EXTRACTOR	
DWG NO. RBEM632V3009133-15	REV 1
MAT'L ALL THREAD	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -11	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 5/5/2016
	SHEET 9 OF 11

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



-17
LEG

1. DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW, FED #13538.

△2 POWDER COAT THIS SURFACE ONLY.



TITLE	SEAL HOLDER EXTRACTOR
-------	-----------------------

DWG NO. RBEM632V3009133-17

REV	1
-----	---

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX \pm .005 FRACTIONS \pm 1/8
.XX \pm .01 ANGLES \pm .5°
.X \pm .1 SURFACES = 125/

.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± .5°
.X ± .1	SURFACES = 125

4. BREAK ALL SHARP EDGES

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R

2. DIMENSIONAL LIMITS APPLY
AFTER PLATING

3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

	USED ON MODEL
--	---------------

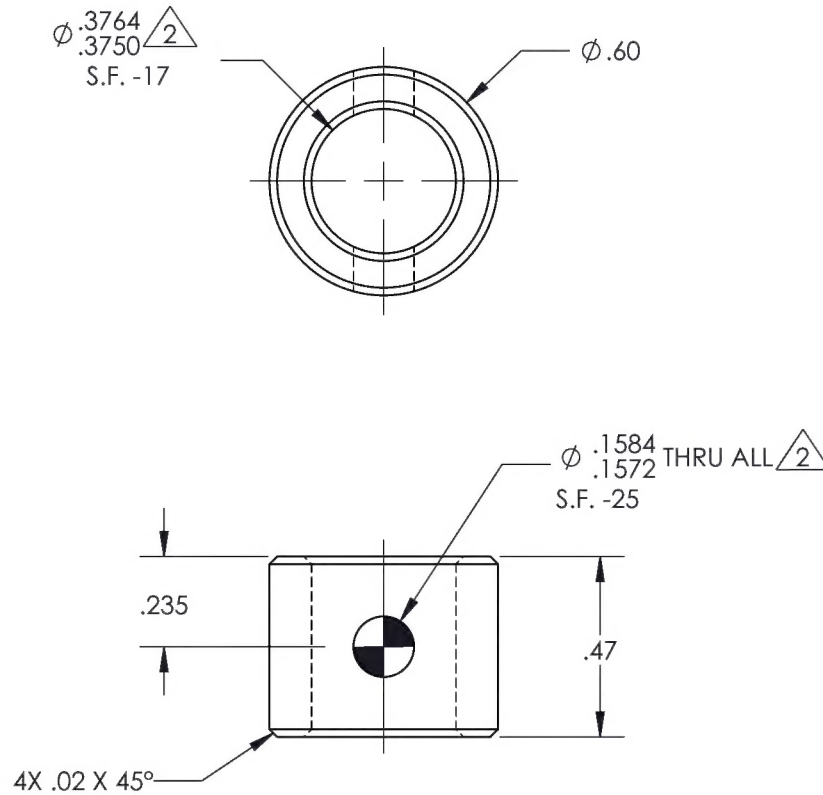
	H175
--	------

5/5/2016 SHEET 10.0

SHEET 10 OF 11

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



NOTES:

- DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW, FED #13538.

$\triangle 2$ POWDER COAT THIS SURFACE ONLY.



TITLE		SEAL HOLDER EXTRACTOR	
DWG NO.		RBEM632V3009133-19	
REV		1	
MAT'L 1018/1020 CR		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH SEE NOTE 1 & 2		.XXX \pm .005 FRACTIONS \pm 1/8	
SPEC		.XX \pm .01 ANGLES \pm 5°	
DRAWN BY: CLOUGH		.X \pm .1 SURFACES = 125/	
CHECKED: DUERFELDT		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT		AFTER PLATING	
SCALE 2:1		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DATE 5/5/2016		USED ON MODEL	
SHEET 11 OF 11		H175	

(-19)

RING